

Patent Abstracts of Japan

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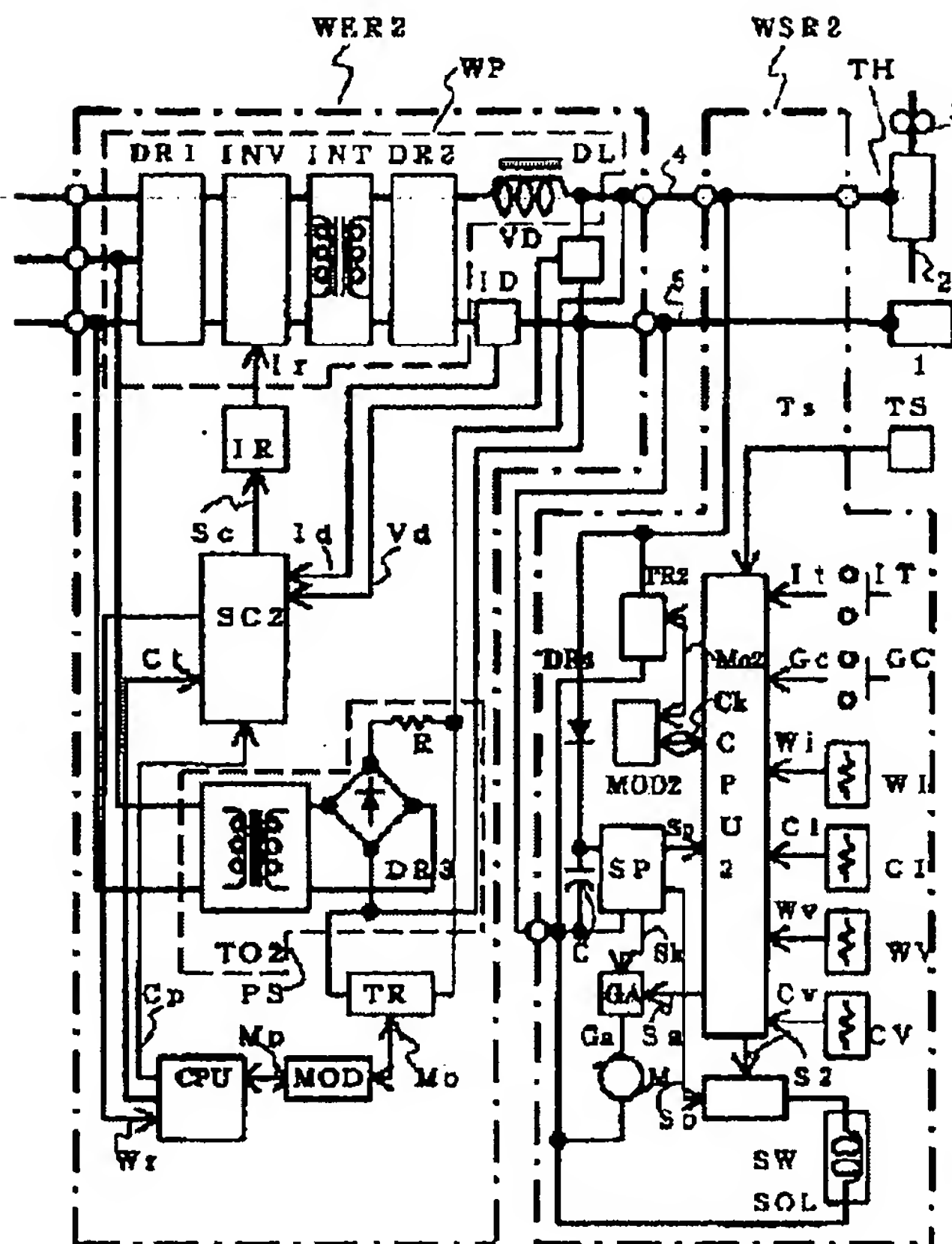
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TITLE : CONSUMABLE ELECTRODE TYPE
ARC WELDING EQUIPMENT



ABSTRACT : **PROBLEM TO BE SOLVED:** To solve conventional problems of inferior workability and frequent disconnection of control cables which are bundled and integrated, and need to be moved together in carrying a wire feeding device detached from a welding power source.

SOLUTION: A welding power source WER2 is equipped with a standby welding output control power source PS; a wire feeding device WSR2 is equipped with a control power source SP with a built-in feeding device for inputting a control voltage from a power cable; and the equipment is also provided with a transmitting/receiving circuit for transmitting a starting signal and an output voltage setting signal from the wire feeding device WSR2 to the welding power source WER2 through the power cable. In the consumable electrode type arc welding equipment, the control voltage inputted by the control power source SP with a built-in feeding device is supplied by the standby welding output control power source PS in the welding standby period; by the arc voltage in the welding period; and by the no-load voltage of the welding power source WER2 in the no-load voltage output period.

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